

INTEGRATED MULTI-CAPACITOR NETWORK

Abstract of the Disclosure

5 A novel multi-capacitor divider network in which two capacitors are fabricated in a single package, using a common dielectric material, is disclosed. In a preferred embodiment of the present invention, the multi-capacitor network comprises a high-voltage capacitor and a low-voltage capacitor
10 fabricated in a single monolithic package, both fabricated from a class one dielectric material having a combined tolerance of plus or minus five percent. The use of the same class one dielectric material for both capacitors assures that the temperature coefficients are similar for both capacitors
15 and, more importantly, that the tolerance of the ratio between the high-voltage capacitor and low-voltage capacitor is within a predetermined range.